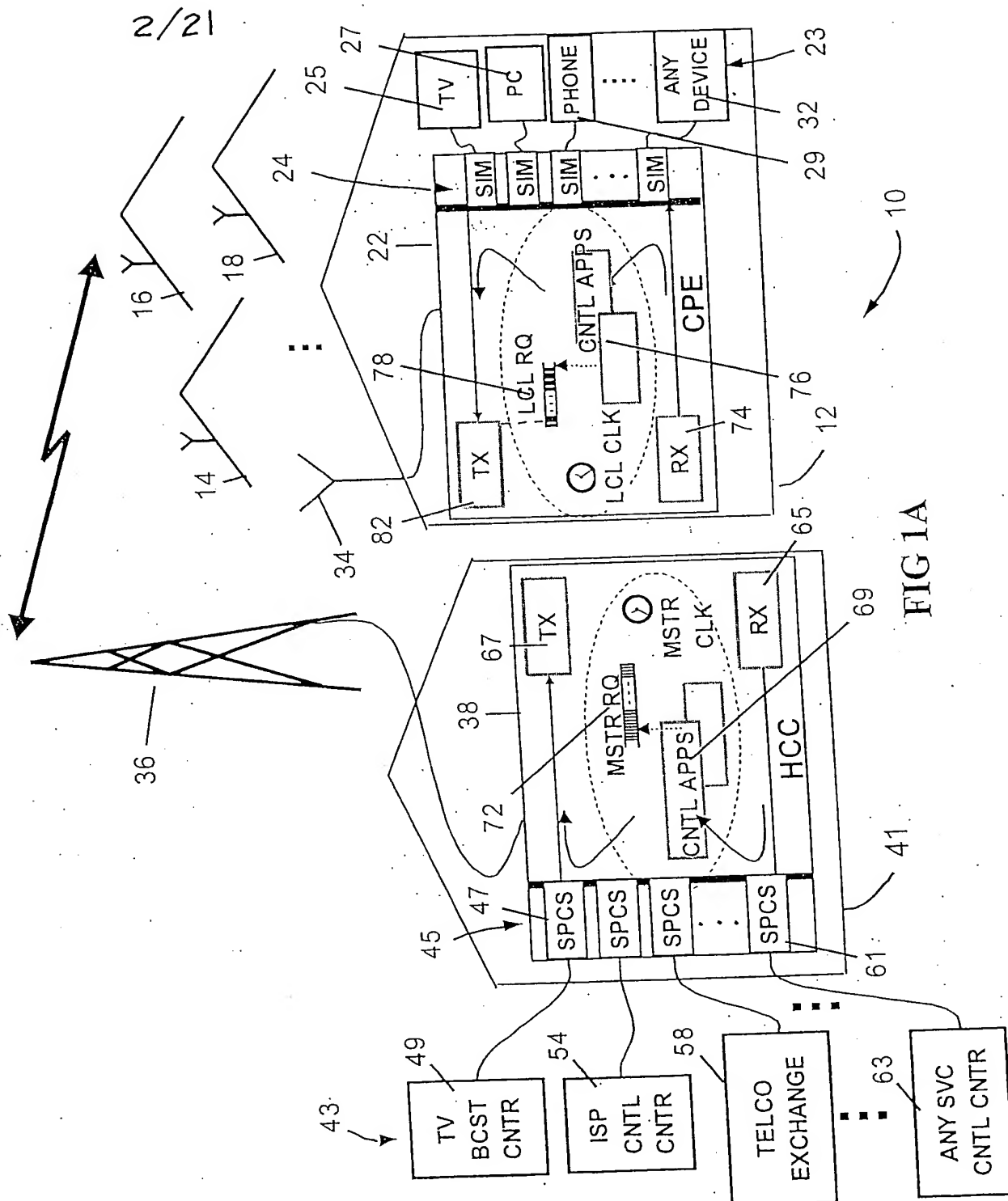
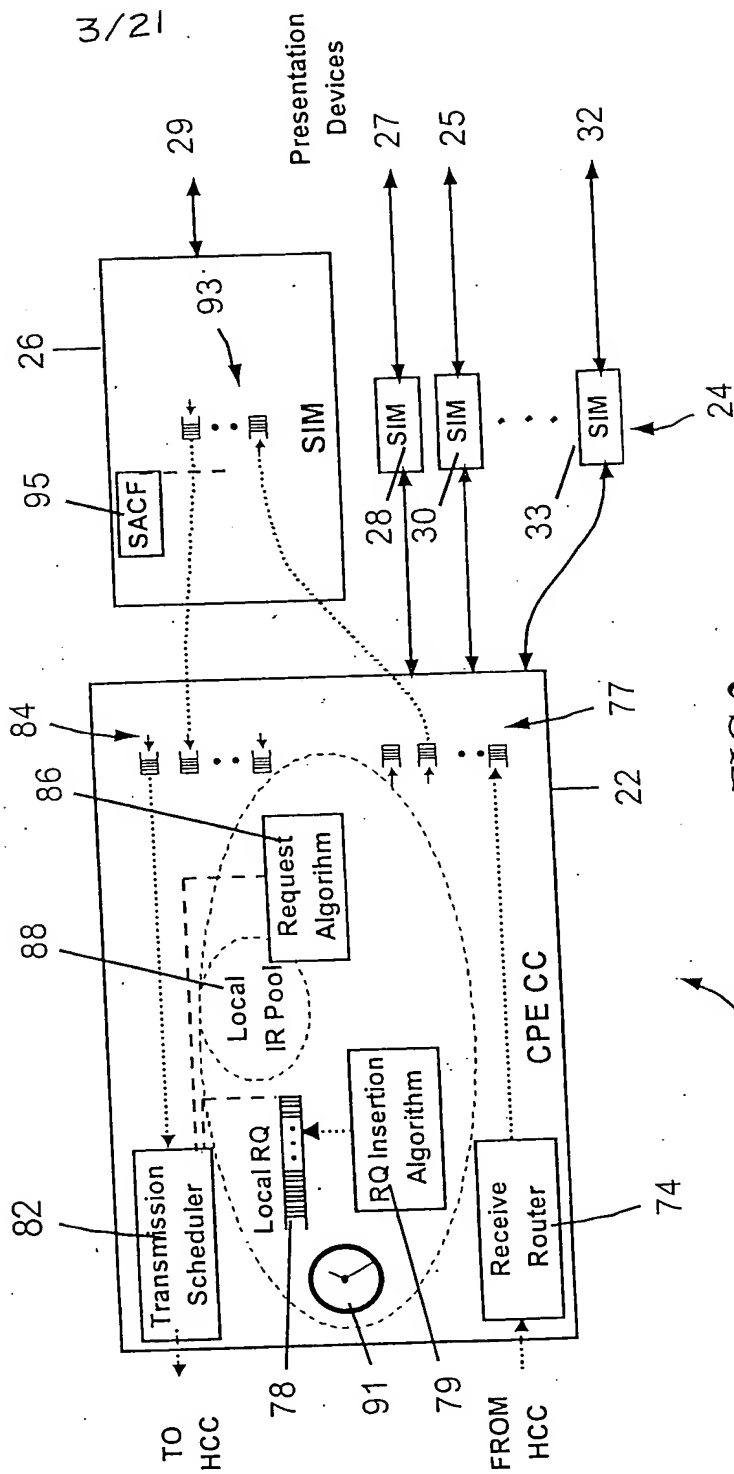


FIG 1



CPE



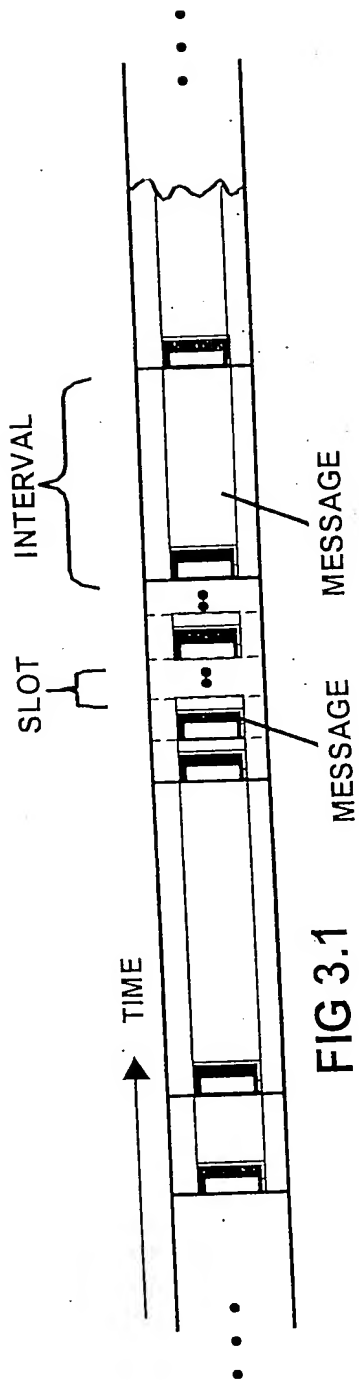


FIG 3.1

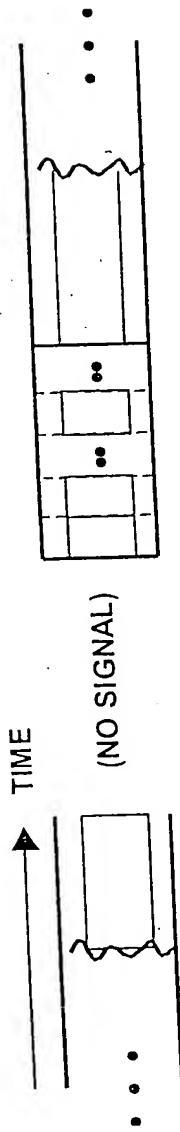


FIG 3.2

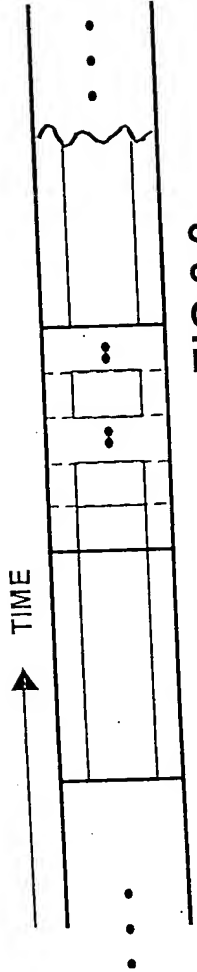


FIG 3.3

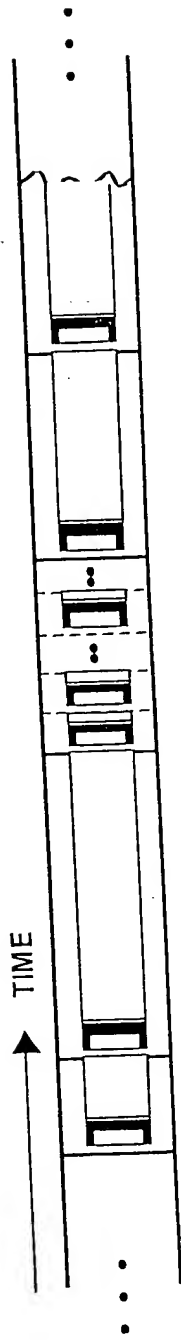


FIG 3.4

5/21

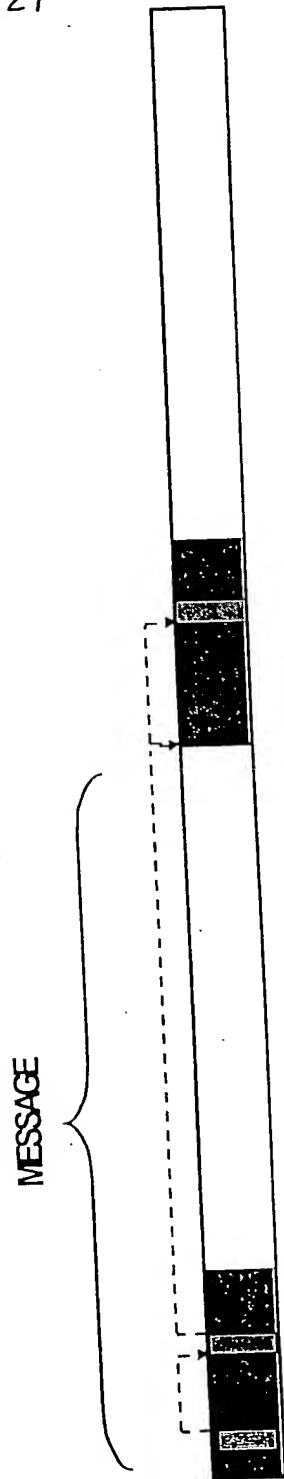


FIG 4

6/21

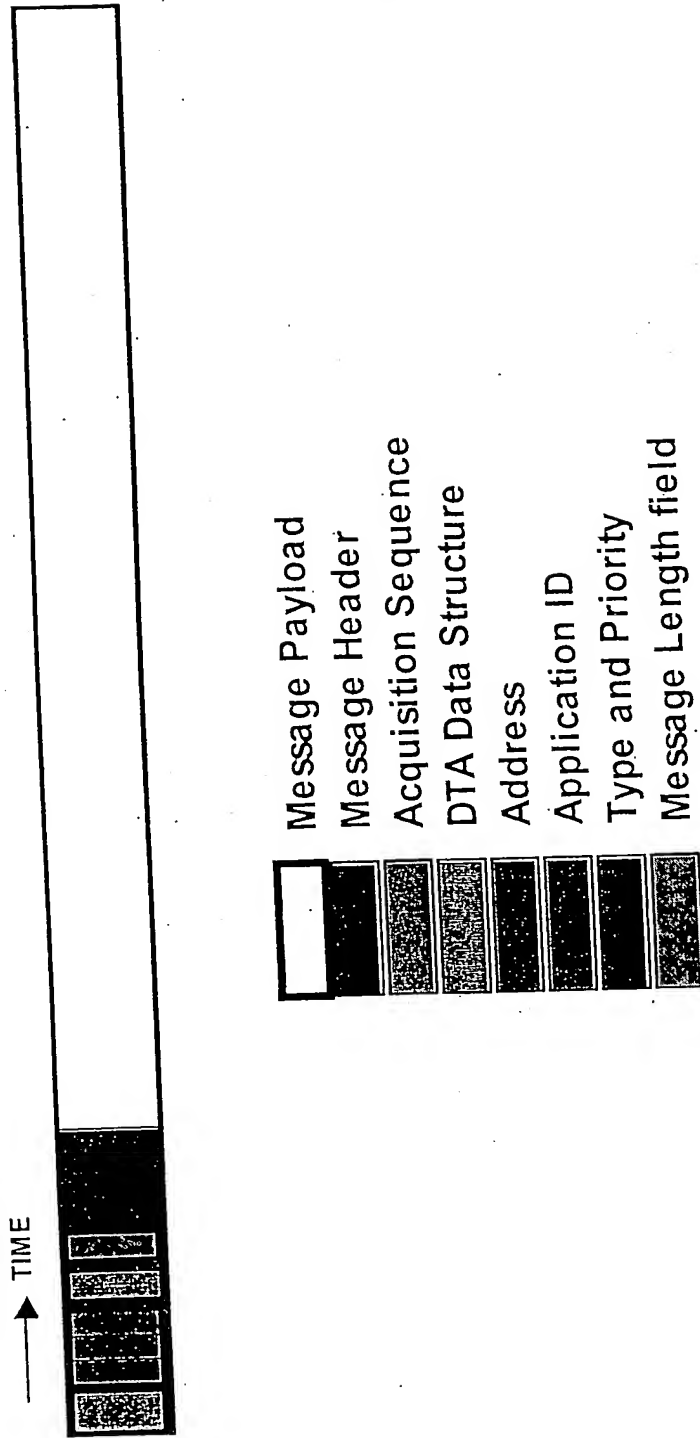


FIG 5

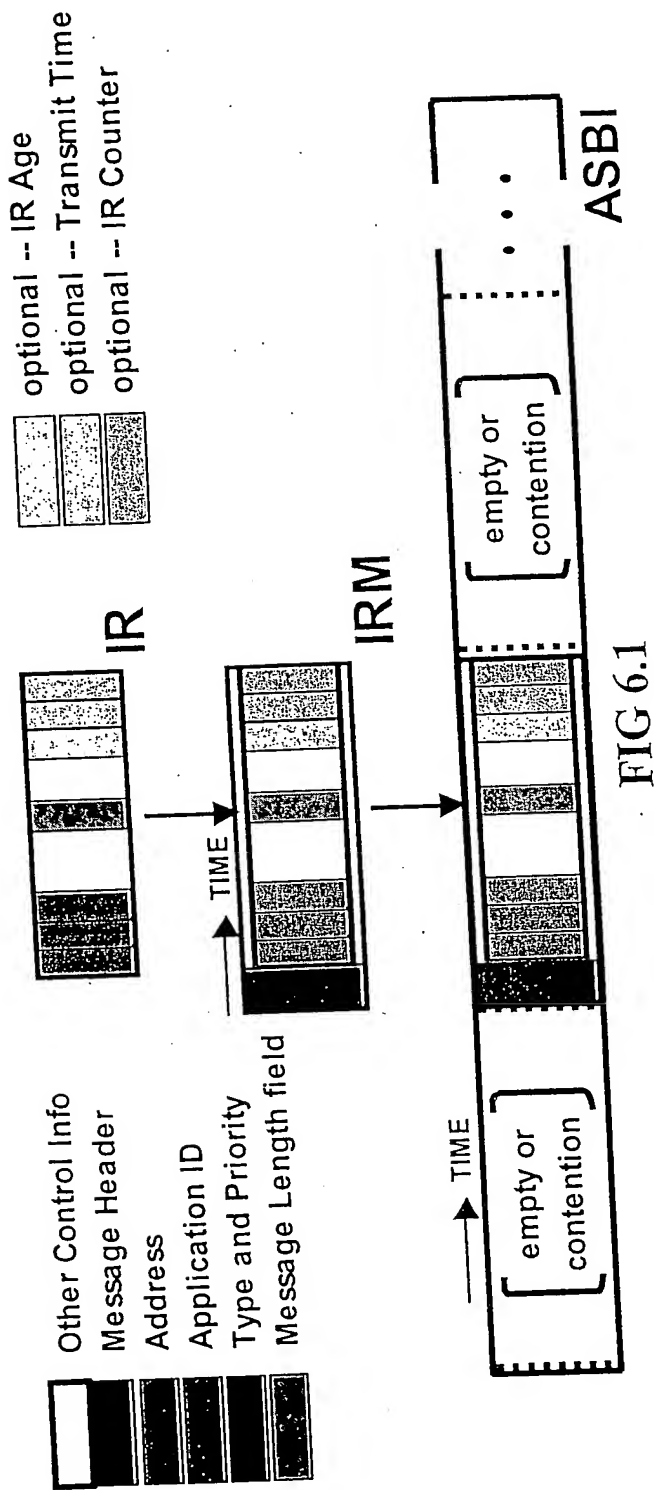


FIG 6.1

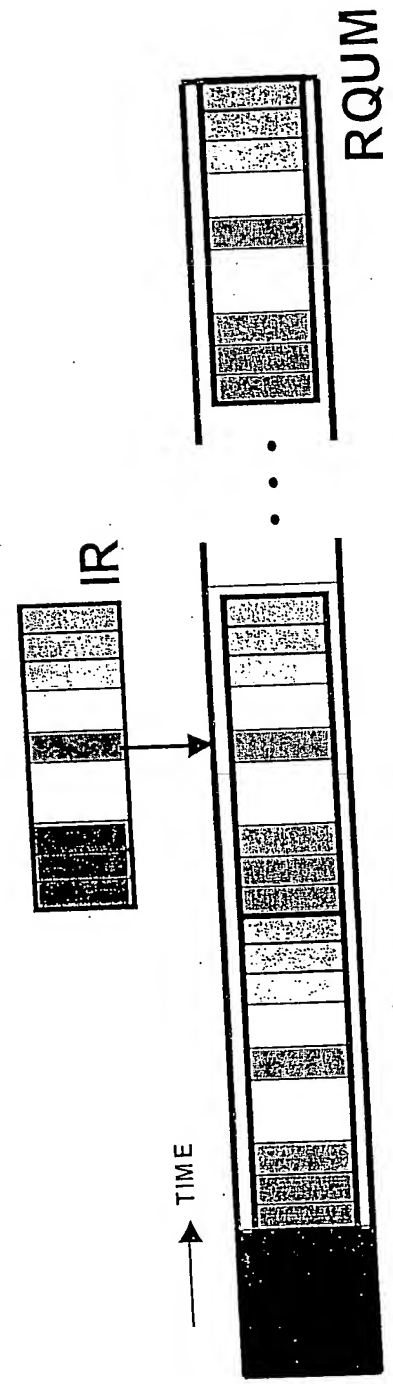
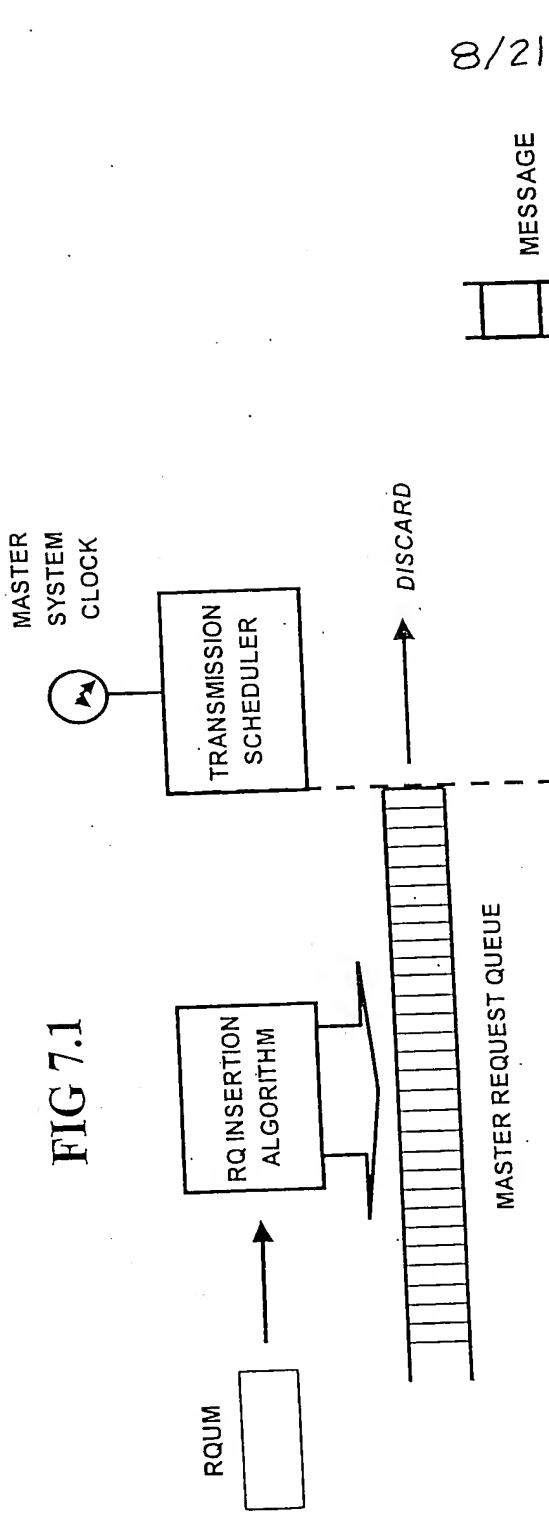


FIG 6.2

FIG 7.1



8/21

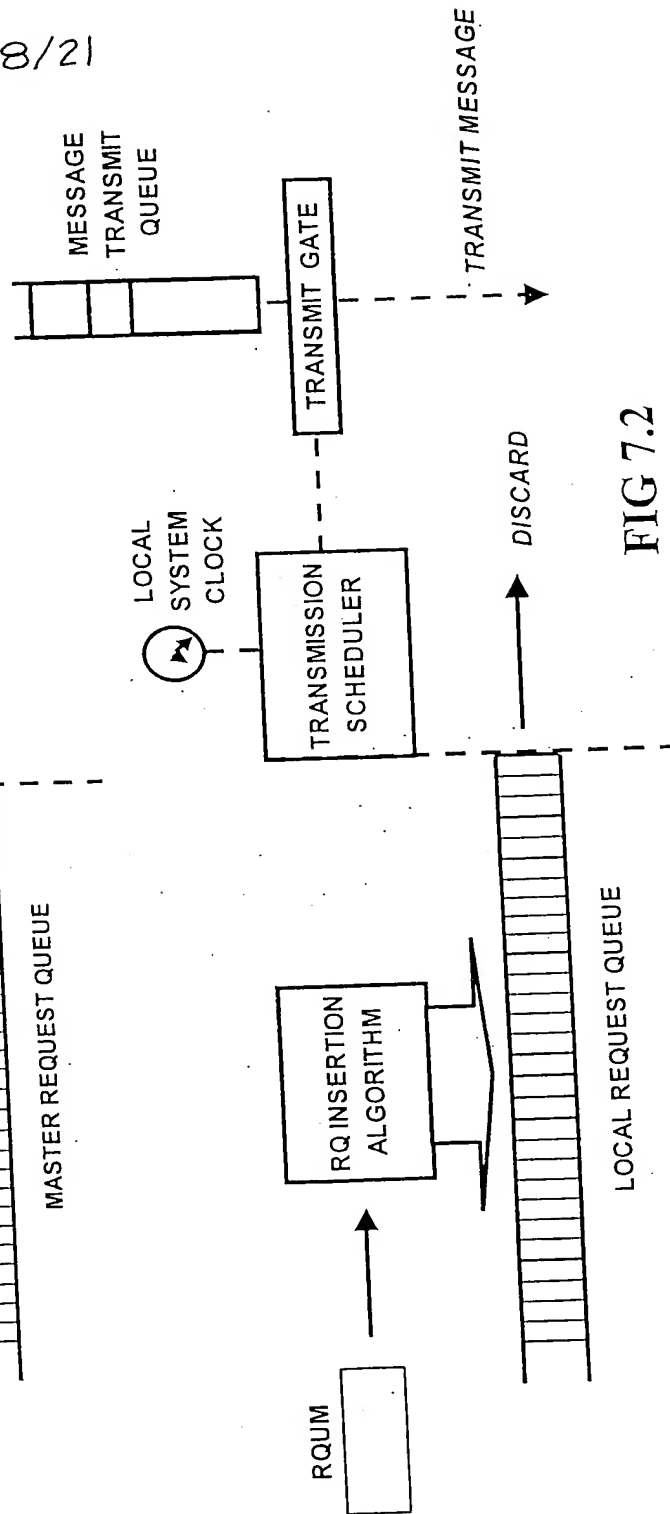


FIG 7.2



9/21

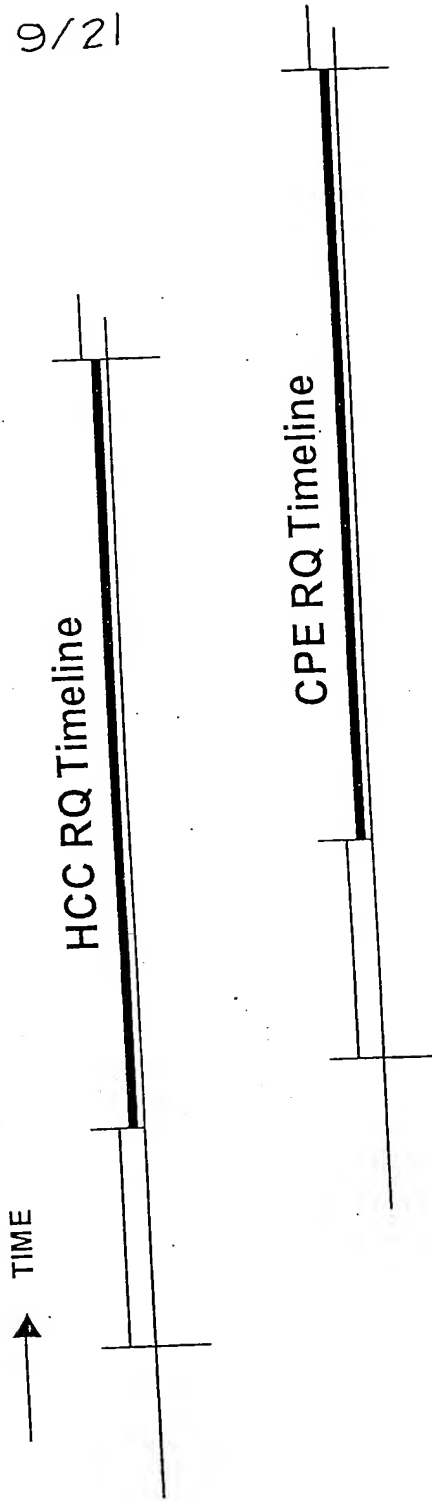


FIG 8

10/21

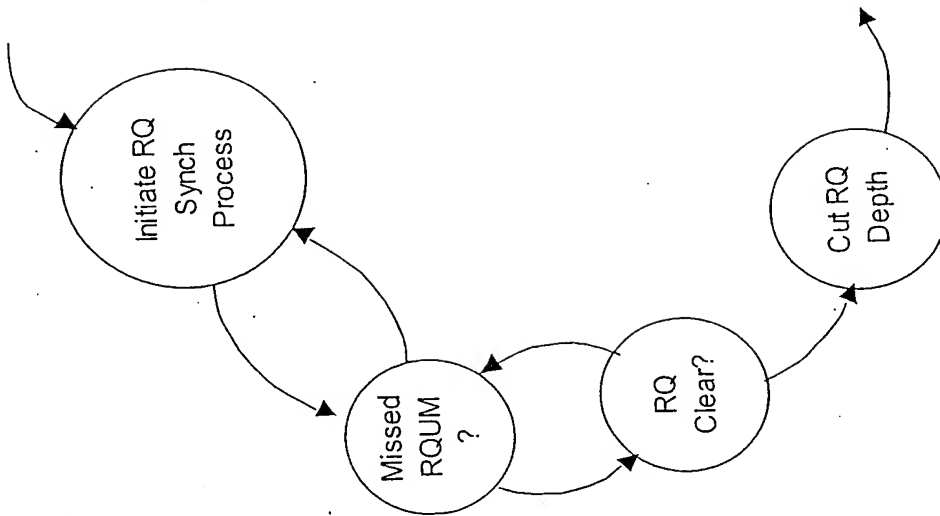


FIG 9

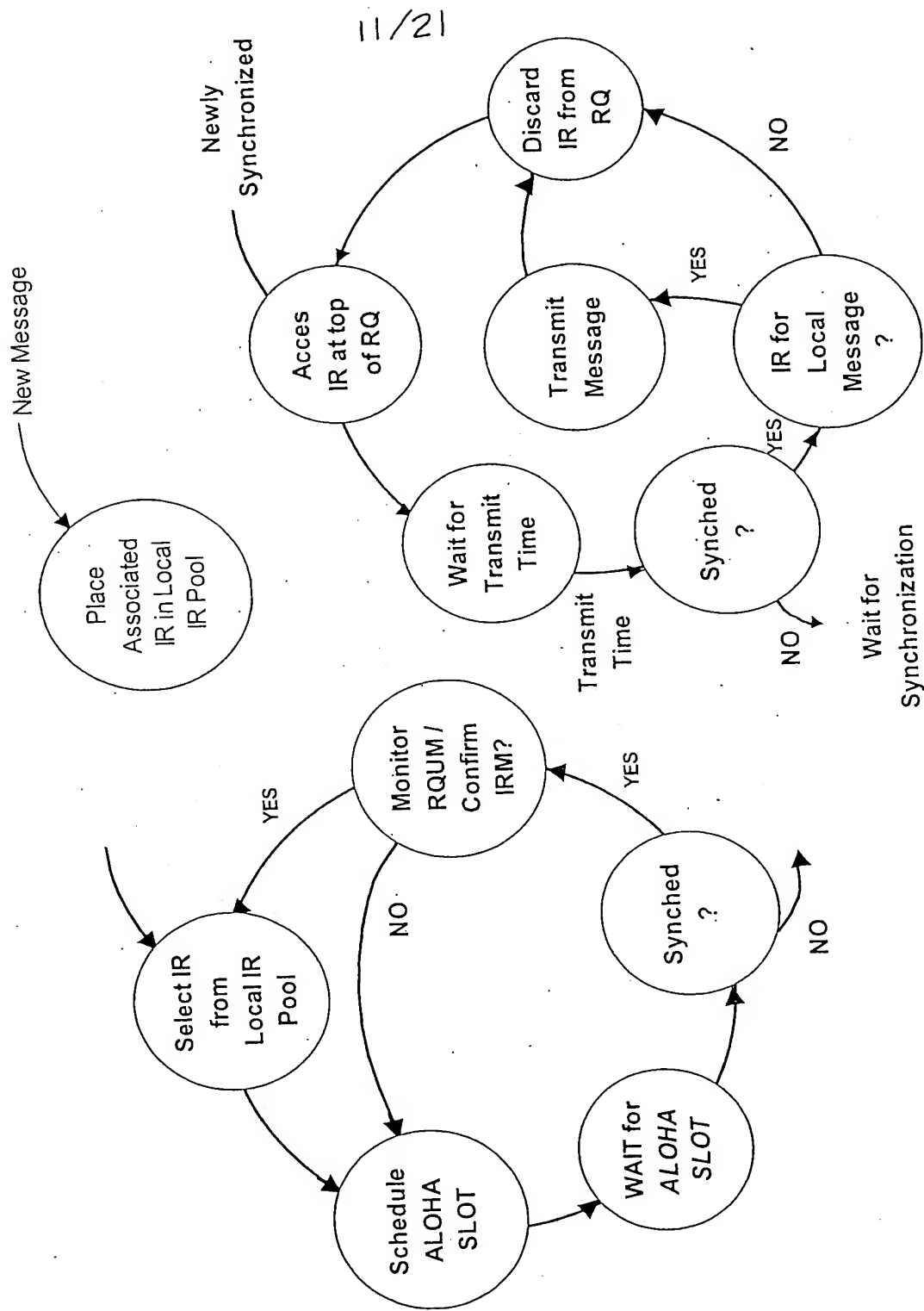


FIG 10

12/21

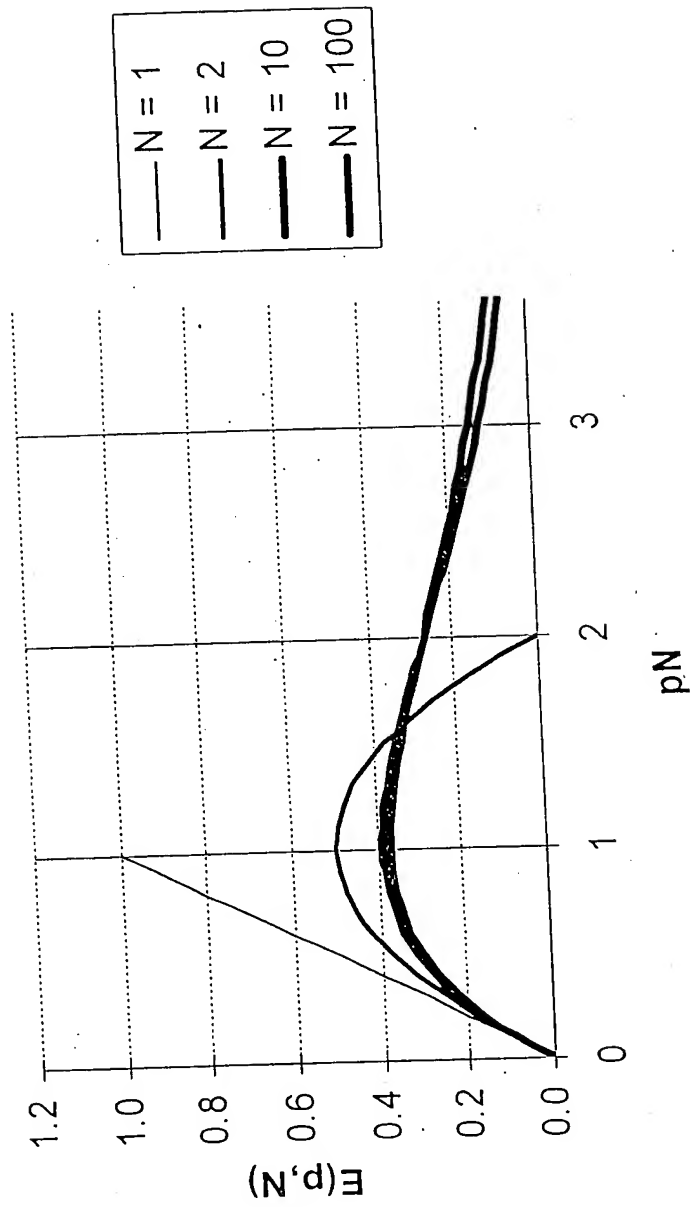
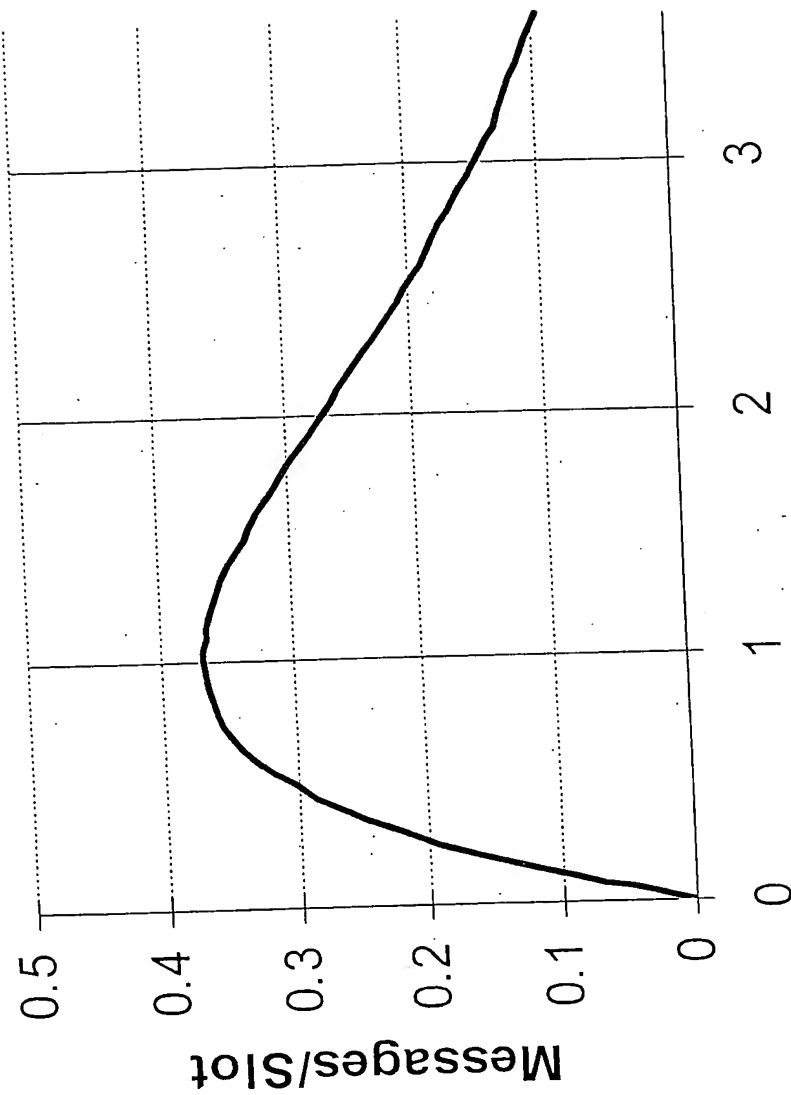


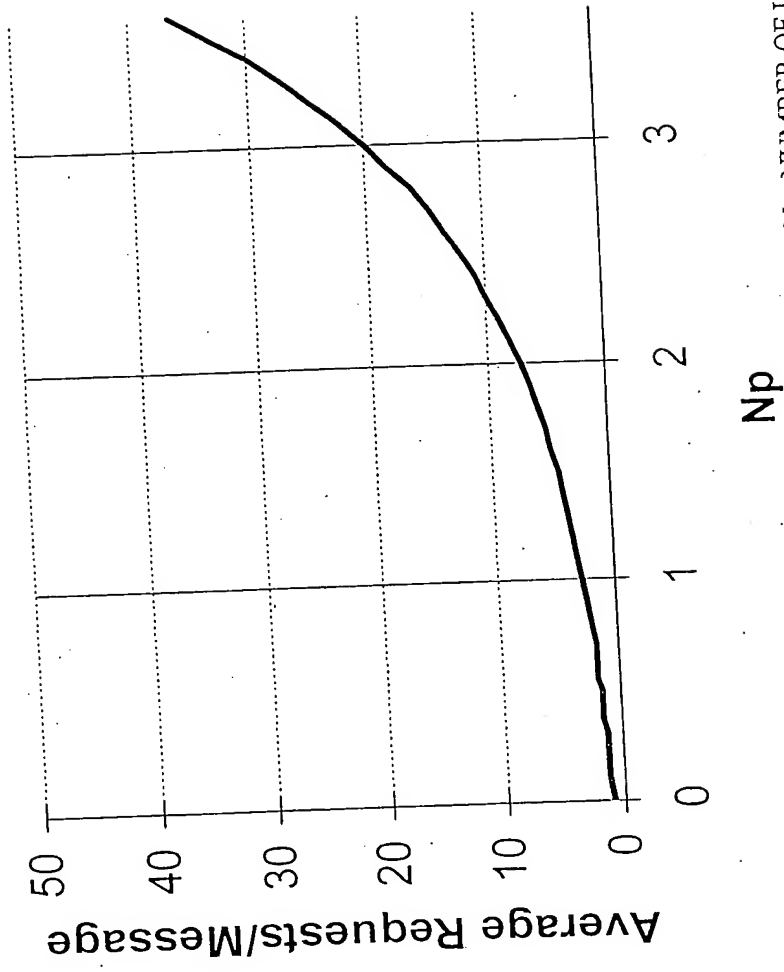
FIG 11



Np

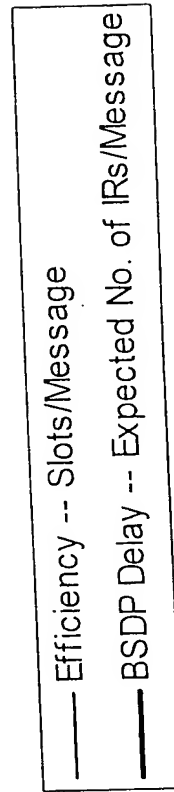
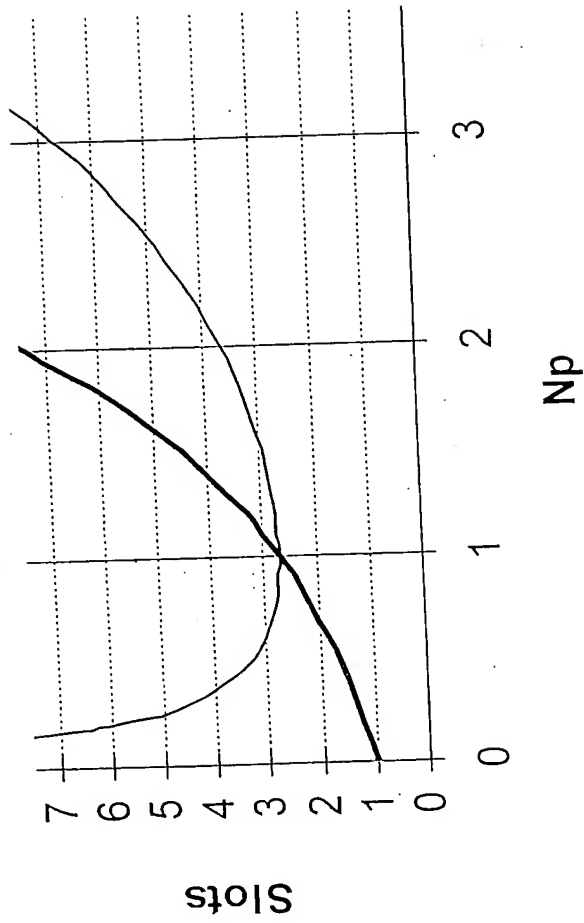
N = NUMBER OF USERS, N LARGE  
p = PROB OF A BSDP IR  
ATTEMPT IN AN ALOHA SLOT

FIG 12



$N$  = NUMBER OF USERS,  $N$  LARGE  
 $p$  = PROB OF BSDP IR ATTEMPT IN  
AN ALOHA SLOT

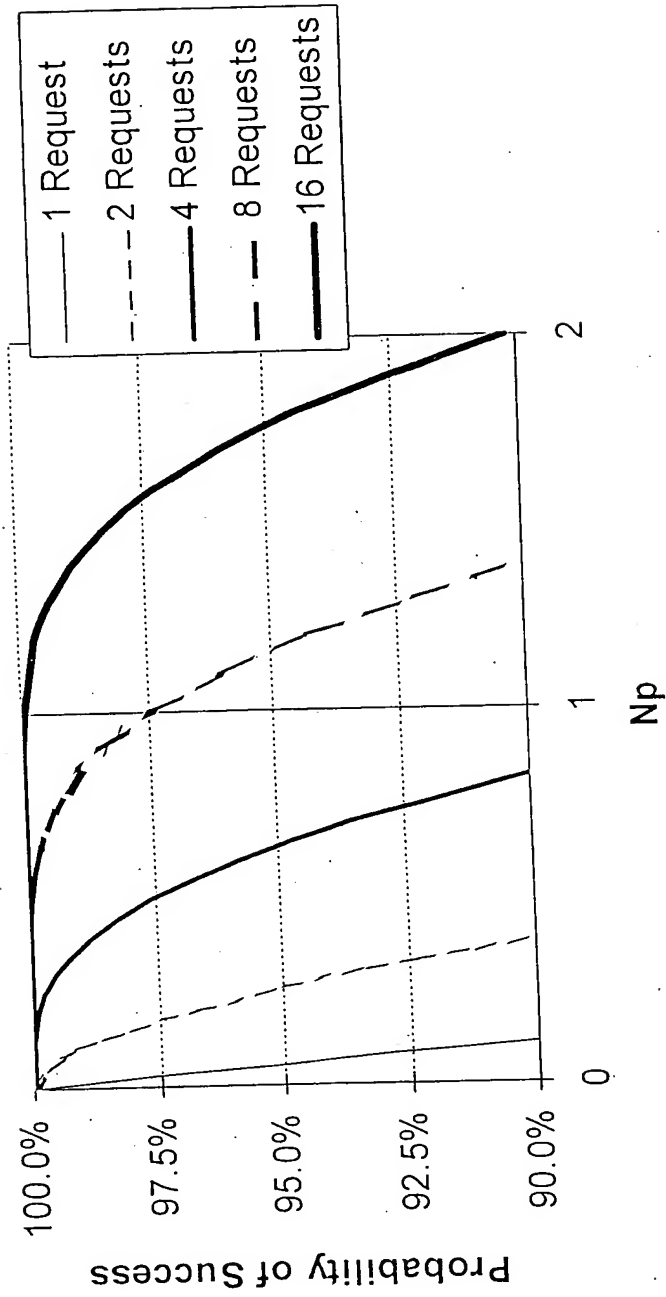
FIG 13



$N$  = NUMBER OF USERS,  $N$  LARGE  
 $p$  = PROB OF BSDP IR ATTEMPT IN  
 AN ALOHA SLOT

FIG 14

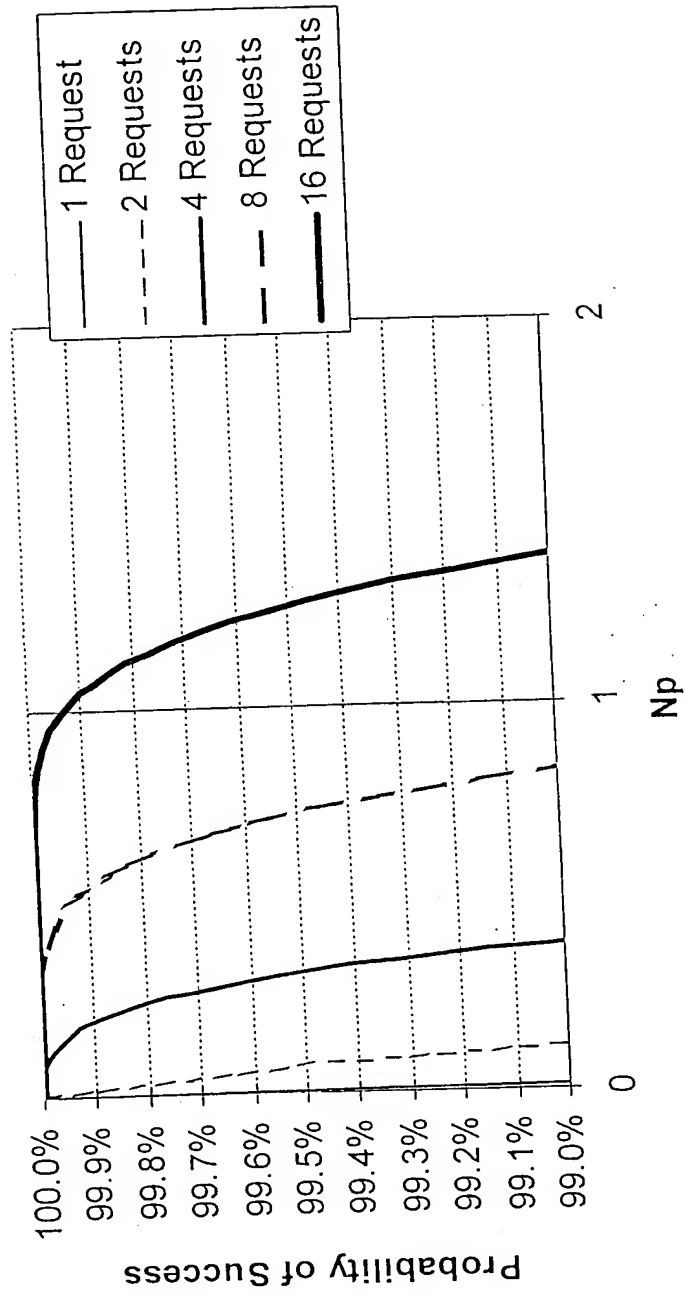
16/21



$N$  = NUMBER OF USERS,  $N$  LARGE  
 $p$  = PROB OF BSDP IN ATTEMPT IN  
AN ALOHA SLOT

FIG 15A





N = NUMBER OF USERS, N LARGE  
p = PROB OF BSDP OR ATTEMPT IN  
AN ALOHA SLOT

FIG 15B

18/21

Np for Given Probability of Success with Request Limit					
Probability Of Success	Number of Request Attempts				
	16	8	4	2	1
99.9999%	0.6	0.2			
99.9990%	0.7	0.3			
99.9900%	0.8	0.4	0.1		
99.9000%	1	0.6	0.2	0.1	
99.0000%		0.8	0.4	0.1	
98.0000%		0.9	0.5	0.2	
95.0000%			0.6	0.4	0.1
90.0000%			0.8	0.8	0.1

N = NUMBER OF USERS, N LARGE  
 p = PROB OF BSDP IN ATTEMPT IN  
 AN ALOHA SLOT

FIG 16

19/21

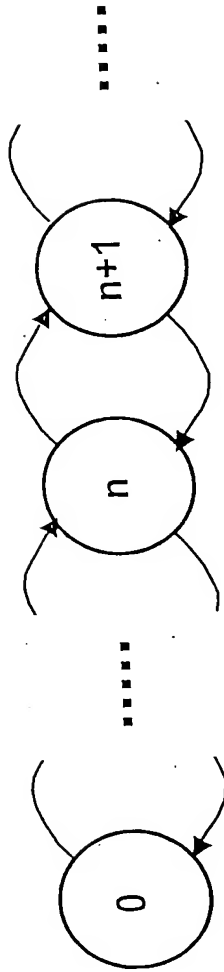


FIG 17

20/21

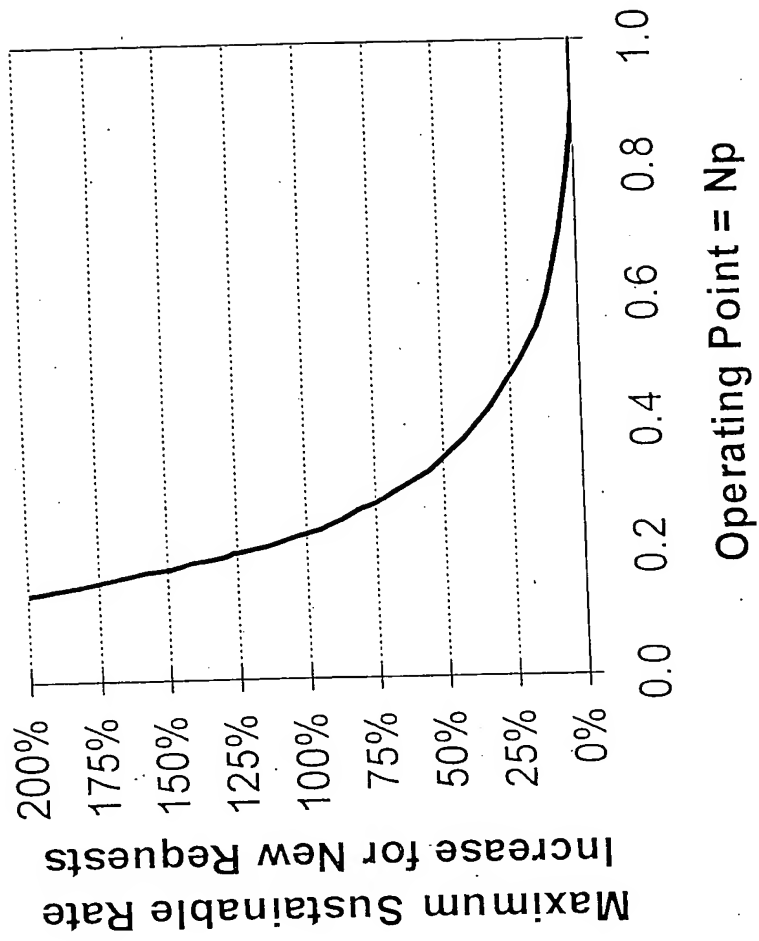


FIG 18

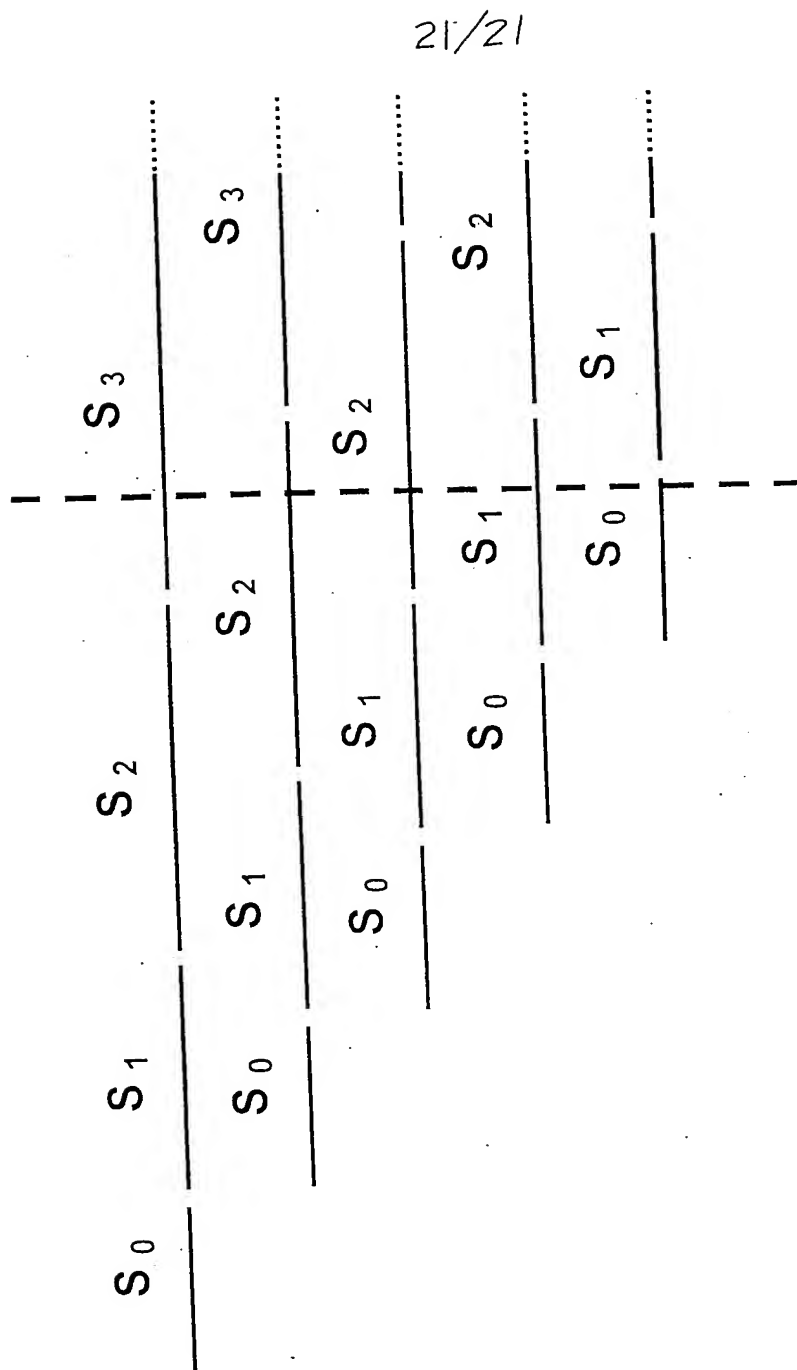


FIG 19